

## BIOL107 - GENERAL BIOLOGY LECTURE/LAB - Spring 2016

- go to course website for copies, corrections and updates -

### INSTRUCTOR INFORMATION

#### Dr. Leslie Seiger

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Office: MS 315P  
Mailbox in K-203

#### Drop In Office Hours in MS 315P

Mon/Wed	4 <sup>30</sup> - 5 <sup>30</sup>
Tue/Thu	3 <sup>45</sup> - 4 <sup>45</sup>

**additional office hours by appointment  
please see my schedule on the website**

#### Website

<http://homework.sdmesa.edu/lseiger/>

### COURSE INFORMATION

**LECTURE: Tuesday & Thursday 2:20 pm – 3:45 pm in room MS-309**

**LAB:** CRN 75803 Friday 9:00 am-12:05 pm in room MS208 **with Prof. Strauss**  
CRN 66638 Friday 9:00 am-12:05 pm in room MS204 **with Dr. Mokili**

**Catalog Course Description:** BIOL 107 General Biology-Lecture and Laboratory This course is an examination of living organisms and their environment. The lecture and laboratory are intended for students planning on taking more advanced courses in the Life Sciences, or students majoring in Education, Child Development, Physiological Psychology or related areas. Topics include the fundamental chemical and physical processes common to all living organisms, the interactions between organisms and their environment, classical and molecular genetics, metabolism, plant and animal anatomy and physiology, animal behavior, evolution, cellular and molecular biology, and the experimental and cognitive processes used to examine these fields. Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List. Limitation: No credit for BIOL 105, 106 or 107 if taken after 210A, 210B. **3 Lecture Hours, 3 Lab Hours, 4 Units Grade Only**

**Advisory:** Completion of or concurrent enrollment in ENGL 049 and ENGL 048, each with a grade of "C" or better, or equivalent, or assessment Skill Levels W5/R5.

#### **Student Learning Outcomes**

1. Think critically, developing the skills to ask vital questions and solve biological problems by applying the Scientific Method.
2. Communicate, using examples, the importance of interconnections among living organisms and their environments.
3. Transfer knowledge of biological concepts to achieve successful academic progress in 200 level biology courses and into applications for everyday life. These concepts could include cell theory, evolutionary mechanisms, and major life processes.
4. Investigate biological questions using modern and appropriate tools.

**Course Outline And Scope:** Topics to be covered are provided in the attached lecture and lab schedules.

**Field Trip Requirements:** Field trips are a required component of this course. Most field trips will be conducted during regularly scheduled lab hours, others may be completed by students on their own outside of class time. Transportation to and from the field trip site is the responsibility of the student. Some field trips may require the student to pay a small admission fee. Details, directions and instructions of what to wear and bring will be provided before each field trip. Please see "Accommodation of Disability" and "Classroom Behavior And Student Code Of Conduct."

#### **Accommodation Of Disability:**

Students with disabilities who may need academic accommodations should notify the professor immediately.

## Required Textbooks:

1. *Concepts of Biology* from OpenStax College:  
<https://openstaxcollege.org/textbooks/concepts-of-biology>
2. BIOL 107 - *Exploring Biol: General Biol Lab Activities*/Clymer, ISBN: 978-0-9883737-3-0 Edition: 2, Publisher: RANDOM NPC LLC (\$32)
3. Other **required** reading material provided by the instructor. I will discuss this on the first day of class, and the information is also available on the course website under “Assigned Reading.”
4. Admission fee will be required for some field trips – refer to schedule.
5. 882-ES scantrons (5)

GET THIS BOOK >

**Internet Resources:** There is a website for this course. Please check it for class updates, handouts and other information. You can access it from my home page <http://homework.sdmesa.edu/lseiger/> You also can find my homepage through the Mesa website’s alphabetical list of faculty and staff.

## STUDENT RIGHTS & RESPONSIBILITIES

### Classroom Behavior And Student Code Of Conduct

1. It is expected that students will conduct themselves within the standards outlined in the student code of conduct, disciplinary procedure and student due process. Please refer to Policy 3100, which is linked to my website, the Mesa College website, in the current college catalogue, and also at the Office of the Dean of Student Affairs in H-500.

#### Safety:

- ⇒ **Absolutely no food or drinks may be consumed in lab.**
- ⇒ **Closed toes shoes must be worn in order to participate in lab.**

2. Students are expected to come to class in a timely manner, prepared for the day’s work . Full participation for the **entire class period** in activities, class exercises and discussions **is required**.
3. Please **turn off all cell phones**, pagers etc. You will be released from class with an unexcused absence for making or accepting telephone calls or text messages in the classroom or on a field trip.
4. On field trips:
  - (1) Obey all posted speed limits and watch for pedestrians.
  - (2) Cell phones are to be off (see above).
  - (3) Smoking poses a health and fire danger and is absolutely forbidden on site.
  - (4) Do not walk off the trail or collect any specimens of any type unless specifically directed to by the instructor.
5. Disciplinary action will be taken by the instructor as necessary.

### Attendance

6. **Attendance is expected and will influence your grade.** Students may be dropped from the class for unexcused absences exceeding 6% of the course. Students must be dropped for unexcused absences exceeding 12% of the course. Attendance will impact your grade (see section on assessments).
7. **It is the student’s responsibility to make up missed material.** This includes, but is not limited to, obtaining missed lecture notes from another student (not from the instructor), and finding out about any modifications of schedules or assignments announced during class time.

### Tardiness

8. Tardiness and early departure are disruptive to the class and will be discouraged. Once you arrive, please remain seated until the lecture is over. The instructor will take steps to discourage tardiness or early departure as necessary.
9. The instructor is not required to accommodate students arriving late. If a tardy student comes to class to take an exam or test after another student has already taken the exam or test and left the room, the tardy student cannot take that exam or test. If a student is

late for a lab practical, that student will not be allowed into the classroom until the exam is over. Once an exam or test begins there are no bathroom or other breaks.

**Withdrawal**

10. It is your responsibility to officially drop the class if you stop attending. You must drop using Reg-e or other approved procedures. Not doing so will result in a grade of "F." *Please discuss your plans to withdraw from class with me as I may be able to provide options that would allow you to continue the class.*

<b>Important Dates</b>	
Feb 2	Last day to process and pay for an add code
Feb 2	Last day to drop and get a refund
Feb 2	Last day to drop with no "W" recorded
Apr 8	Withdrawal deadline – no drops accepted after this date
Mar 28 – Apr 1	Spring Break (classes not in session)
May 18	Final exam

***You must file for withdrawal to avoid a grade of "F"***

**Honest Academic Conduct**

11. Academic dishonesty will result in a grade of zero for the assignment and will be reported to the School Dean and the Disciplinary Officer, and may result in further disciplinary action.

Academic dishonesty as defined in Policy 3100 includes

- ***cheating***
- ***unauthorized collaboration, and***
- ***plagiarism***

**GRADING**

<b>Grading Policy</b>	
A	90%
B	80%
C	70%
D	60%

<u>ASSESSMENTS</u>	<u>points</u>
<b>lecture (75%)</b>	<b>550 = 75%</b>
5 unit exams @ 100points	500 = 68%
homework (see next page)	50 = 7%
<b>lab (25%)</b>	<b>25%</b>
see lab syllabus	

*Individual extra credit is not available.*

**ASSESSMENTS are based on material presented in class as well as outside assignments.**

*Please advise me if you are a DSPTS student or need other accommodations for test taking.*

*Nonnative speakers of English may use a translation dictionary for exams by prior arrangement.*

## LECTURE (75%)

### Lecture Exams (500 points)

may include multiple choice, true/false, fill-in-the-blank and short answer. There will be five (5) unit exams. Refer to item (9) under "Tardiness." Exams will include questions from the homework assignments. You will need to bring an 882ES scantron, which can be purchased at the bookstore.

- Missed exams will receive a grade of zero (see below).
- *No lecture exam grades are dropped.*

### Homework (50 points)

will be assigned for a grade approximately 12 times during the semester. You can print at the LRC if needed. You will receive a point for completing the homework. Your overall percent score will be divided in half to determine your points out of 50. You will have exam questions based on the homework.

- Assignments will not be accepted late or by e-mail
- Assignments can not be made up, but your lowest 2 grades will be dropped
- Exams will include questions from the homework assignments.

## LAB (25%)

See the lab syllabus provided by your lab instructor.

## MISSED LECTURE EXAMS AND LAB EXAMS WILL RECEIVE A GRADE OF ZERO.

- *Exams given during finals week cannot be made up.*
- *No early finals.*
- *For exams 1- 5, there is a very strict and limited make-up policy described below.*

Because legitimate emergencies sometimes arise, there are a very few circumstances in which a lecture exam may be made up. For that to occur, **the student must take full responsibility for meeting all of the following requirements**. No exceptions will be made.

- (1) There must be a legitimate emergency or illness.
- (2) You must **contact the instructor before the exam** to make arrangements for a makeup.
- (3) You must provide appropriate **written documentation** of your reason for requiring a make-up. These documents must be presented before the make-up exam is taken and will be filed with your class records.
- (4) Your excuse must be valid and your documentation appropriate in the view of the instructor.
- (5) Makeup lecture exams must be made up during the instructor's regularly scheduled office hours **within 6 calendar days** (4 business days) of the scheduled exam date. Makeup exams may consist of any of the following question formats: oral questions, essay questions, or any format used in regular exams.